



**Linda S. Adams**  
Secretary for  
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# California Regional Water Quality Control Board Central Valley Region

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**Arnold  
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## ATTACHMENT A

### INFORMATION NEEDS FOR A SLUDGE MANAGEMENT PLAN

- A. Treatment Pond Cleaning
  - 1. Describe the measurements for the sludge level in each treatment pond.
  - 2. Describe the method for removing the sludge from each treatment pond.
  - 3. Provide a time schedule for the sludge removal from each treatment pond.
- B. Sludge Production
  - 1. Provide a schematic diagram showing solids flow and sludge handling operations; include, where applicable, supernatant flow and handling operations.
  - 2. Specify the annual biosolids production in dry tons and how this will be quantified.
  - 3. For sludge handling facilities with sludge drying beds:
    - a. Describe number and size of sludge drying beds.
    - b. Describe sludge drying bed construction (e.g., liner, leachate collection system).
    - c. If sludge drying beds are not lined, thoroughly describe measures taken to ensure that groundwater is not adversely affected by sludge drying operations.
    - d. Indicate the frequency with which sludge is wasted and applied on sludge drying beds.
- C. Biosolids Storage
  - 1. If on-site biosolids storage is used,
    - a. Describe:
      - i. Size of biosolids storage area
      - ii. How frequently it will be used (emergency basis only or routine use)
      - iii. Typical storage duration
      - iv. Leachate controls
      - v. Erosion controls

vi. Run-on/runoff controls

- b. Indicate measures that will be taken to ensure that area groundwater is not adversely affected by the biosolids storage facility.
- c. For biosolids storage facilities that contain biosolids between 15 October and 15 May of each year, describe how facilities are designed and maintained to prevent washout or inundation from a storm or flood with a return frequency of 100 years.

D. Biosolids Disposal

- 1. Describe and provide the following information related to the method of biosolids disposal. If more than one method is used, include the percentage of annual biosolids production disposed of by each method.
  - a. Landfill Disposal
    - i. Name(s) and location(s) of landfill(s).
    - ii. Name and telephone number of the contact person at the landfill(s).
- 2. Incineration
  - a. Name(s) and location(s) of incineration site(s).
  - b. Name and telephone number of the contact person at the incineration site(s).
- 3. Composting
  - a. Name(s) and location(s) of composting site(s).
  - b. Name and telephone number of the contact person at the composting site(s).
- 4. Land Application Off-site
  - a. Ownership of the site(s) where biosolids are applied.
  - b. Name and telephone number of the contact person responsible for application of the biosolids.